

SECRET

Copy Y of 10

18 July 1963

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MEMORANDUM FOR THE RECORD

SUBJECT : Ejection Seat Test

1. On 11 July an ejection seat test was successfully accomplished at 50,000 feet and Mach 1.55 using a 95th percentile anthropomorphic dummy. One second after ejection the dummy was separated from the seat and the drogue parachute deployed. By separating the dummy and deploying the parachute at one second, forces were applied which simulated an ejection at 69,000 feet and Mach 3.2 with a four second delay before seat separation and drogue parachute deployment. Upon opening of the drogue parachute the dummy was subjected to 16.8 g's. At 17,000 feet the dummy was automatically separated from the drogue parachute and the main parachute was automatically opened at 16,200 feet.

2. Examination of equipment and data analysis indicate that a human subject would have survived under the same circumstances.

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DD/OSA

DD/OSA:mvp (18 July 63)

Distribution:

- Cy 1 - ADD/R
- 2 - AD/OSA
- 3 - D/TECH/OSA
- 4 - D/FA/OSA
- 5 - PS/OSA
- 6 - OD/OSA
- 7 - SS/OSA
- 8 - DD/OSA
- 9 - DD/OSA (chrono)
- 10 - RB/OSA

NRO review(s) completed.

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